



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Monday, February 19, 2018

Issued: 0800 CT

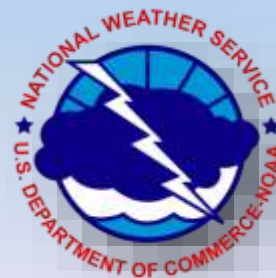
Day 1 Weather Hazards: *Snowfall expected over N-Central NM through Tuesday; the higher elevations could see around a foot of snow. High winds will also blow any snow around, leading to hazardous travel.*

A few strong storms possible today from OK through W-Cntrl TX; hail is the main threat, an isolated tornado possible in Cntrl OK and N-Cntrl TX.

Elevated to critical fire weather conditions this afternoon and evening over NE NM, the Panhandles and W OK

National Weather Service

**Southern Region Headquarters
Regional Operations Center
Fort Worth, TX**



**Prepared by: Jennifer McNatt
817-978-1100 x 147**

Key Points



Today

- Elevated to critical fire weather conditions this afternoon and evening over NE NM, the Panhandles and W OK
- Snowfall expected over N-Central NM through Tuesday; the higher elevations could see around a foot of snow. High winds will also blow any snow around, leading to hazardous travel
- A few strong storms possible today from OK through W-Cntrl TX; hail is the main threat, an isolated tornado possible in Cntrl OK and N-Cntrl TX

Tuesday – Friday

- Heavy rain will be possible beginning Tuesday across E OK into AR, NE TX and N LA and will continue through the end of the week and possibly into next weekend
 - Flash flooding will be possible for these areas, as well as the chance of minor to moderate river flooding in areas that see persistent rainfall

FEMA Region 6 Threat Matrix

Feb 19, 2018 through Feb 23, 2018

DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms	Cntrl OK, W-Cntrl TX				
Heavy Rain / Flash Flooding		NE TX, E OK, AR	N LA, Cntrl TX AR, NE TX	E OK, AR, NE TX	E OK, AR, NE TX
Fire Weather	W OK, NE NM, Panhandles				
Winter	N-Cntrl NM				
River Flooding	S LA	NE TX, E OK, AR	NE TX, SE OK, AR, N LA	N-Cntrl TX, E OK, AR	N-Cntrl TX, E OK, AR

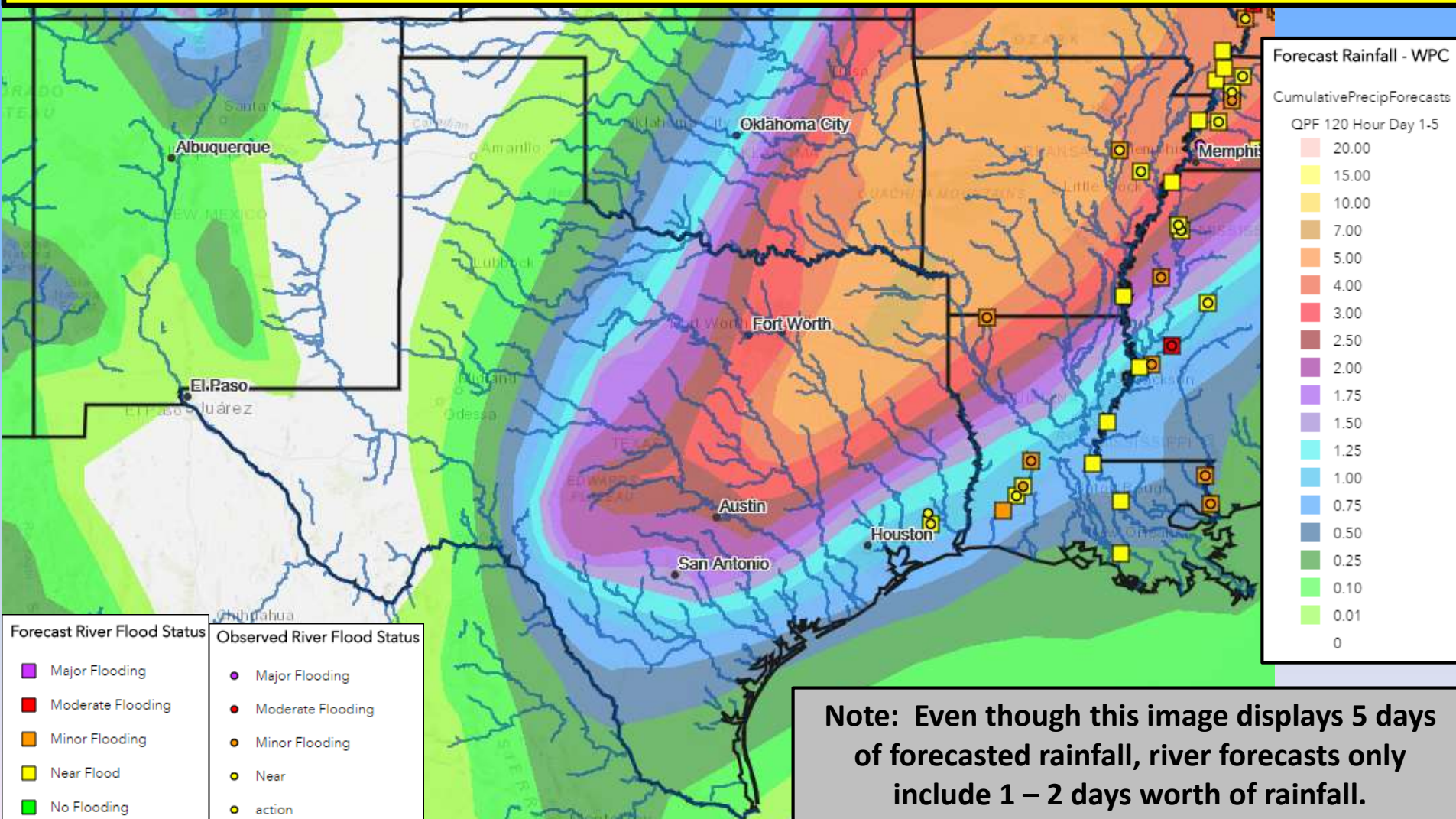
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



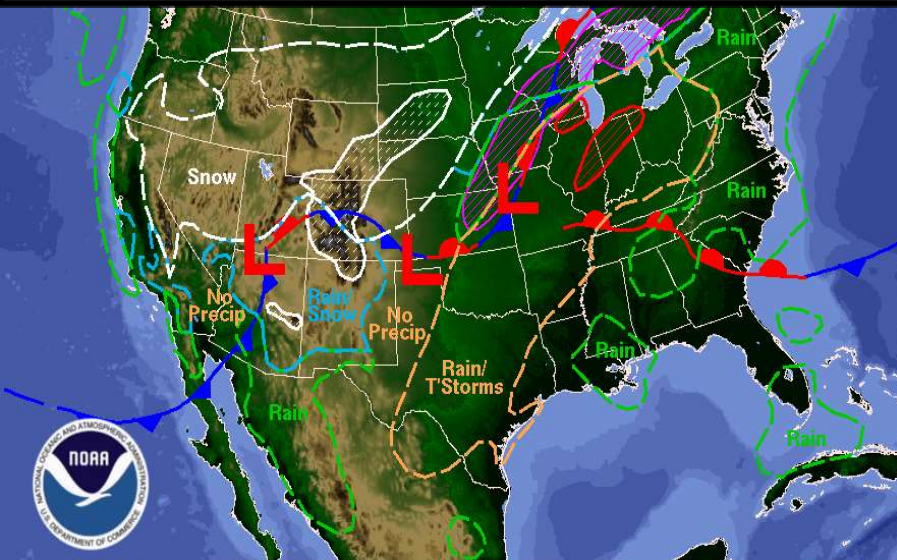
5-Day Precipitation Forecast & River Flood Status

Minor river flooding continues across S LA this week; minor to moderate river flooding is possible beginning Tuesday from NE TX through E OK, AR and N LA.



See <http://water.weather.gov/ahps> for the latest on river flooding

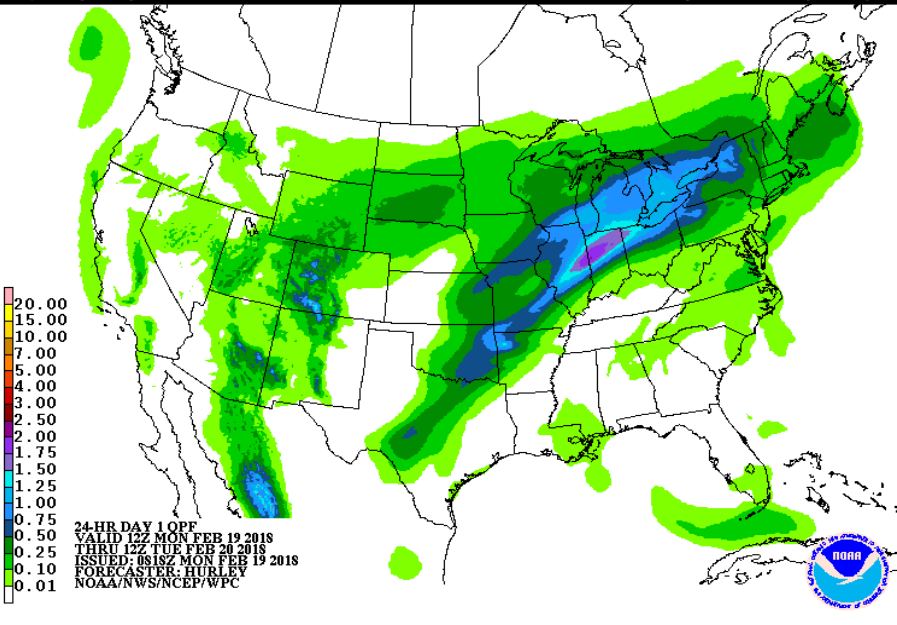
Today's Weather



Day 1 National Forecast Chart

Valid Mon, Feb 19, 2018, issued 4:49 AM EST
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24 HR DAY 1 O/PF
 VALID 12Z MON FEB 19 2018
 THRU 12Z TUE FEB 20 2018
 ISSUED: 0618Z MON FEB 19 2018
 FORECASTER: HURLEY
 NOAA/NWS/NCEP/WPC

Elevated to critical fire weather conditions this afternoon and evening over NE NM, the Panhandles and W OK.

Snowfall expected over N-Central NM through Tuesday; the higher elevations could see around a foot of snow. High winds will also blow any snow around, leading to hazardous travel.

A few strong storms possible today from OK through W-Cntrl TX; hail is the main threat, an isolated tornado possible in Cntrl OK and N-Cntrl TX.



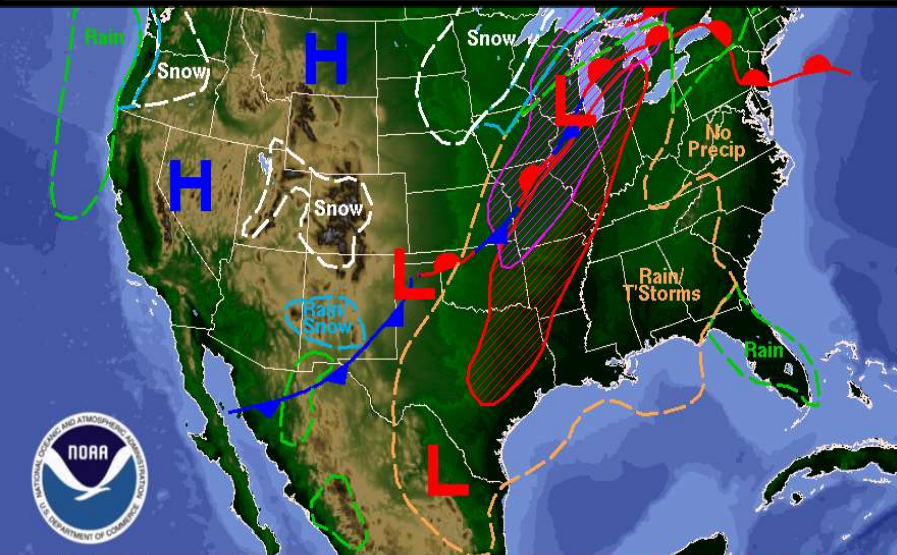
Severe Weather Outlook
 Monday, February 19, 2018

Last updated: Feb 19 2018 11:45 PM CST

Valid until: Feb 20 2018 06:00 AM CST



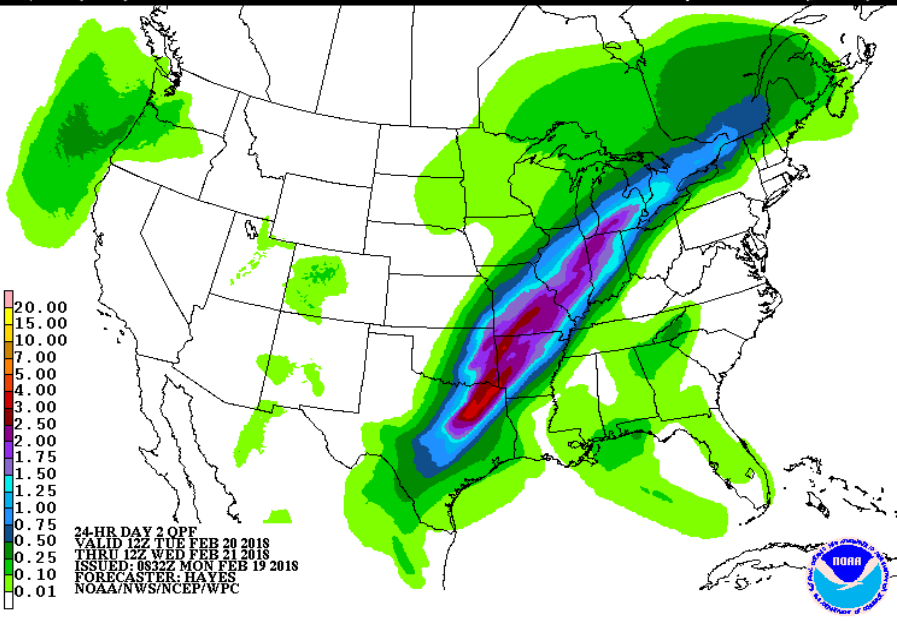
Tomorrow's Weather



Day 2 National Forecast Chart

Valid Tue, Feb 20, 2018, issued 4:52 AM EST Mon, Feb 19, 2018
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



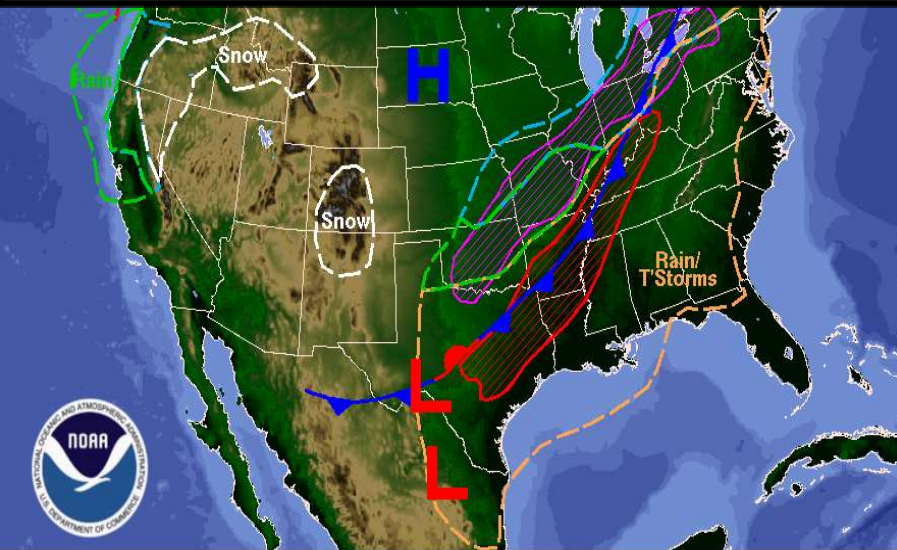
24-HR DAY 2 OPI
 VALID 12Z TUE FEB 20 2018
 THRU 12Z WED FEB 21 2018
 ISSUED: 0832Z MON FEB 19 2018
 FORECASTER: HAYES
 NOAA/NWS/NCEP/WPC

Heavy rain/flash flooding possible across E OK,
 much of AR and into NE TX.



National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

Wednesday's Weather



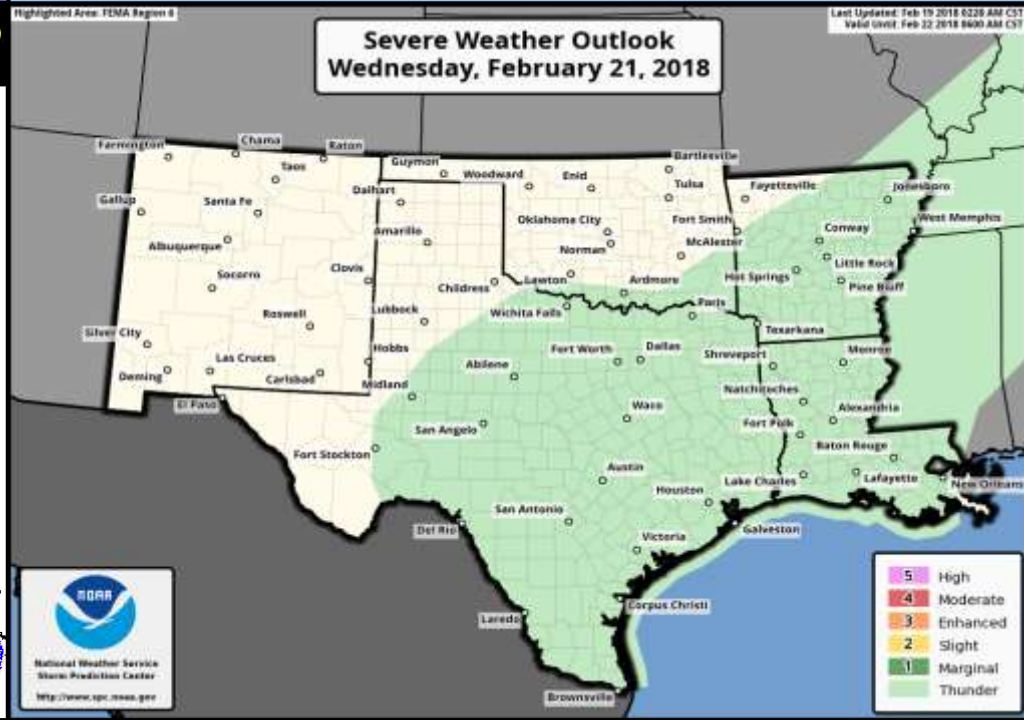
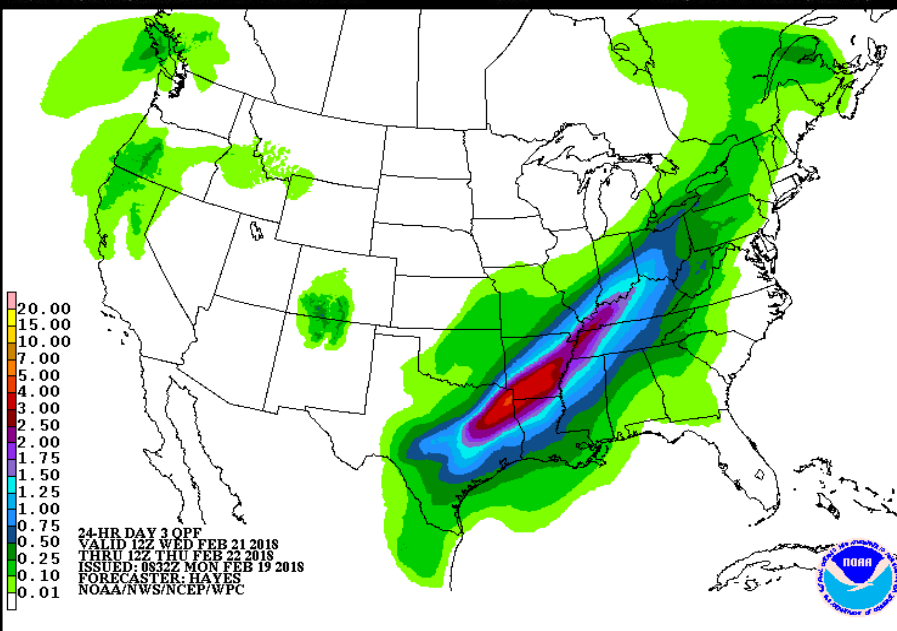
Heavy rain/flash flooding possible across much of AR, NE TX and N LA.

Threat of flash flooding and moderate river flooding depends on rainfall that occurs Tuesday, but appears to be greatest over AR and NE TX.

Day 3 National Forecast Chart

Valid Wed, Feb 21, 2018, issued 5:00 AM EST Mon, Feb 19, 2018
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

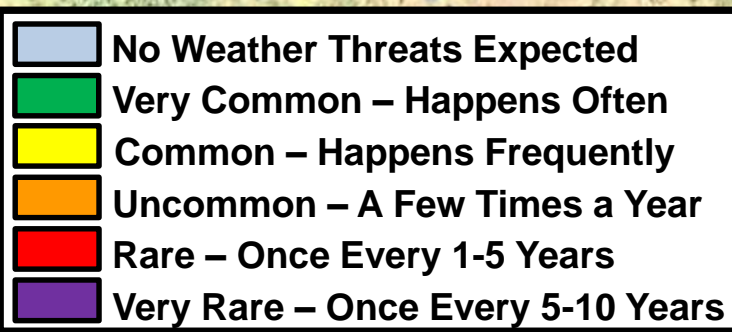


Day 4-5 Weather Hazards

Thursday - Friday



Heavy rain/flash flooding is likely to continue through the end of the week and possibly into the weekend as well

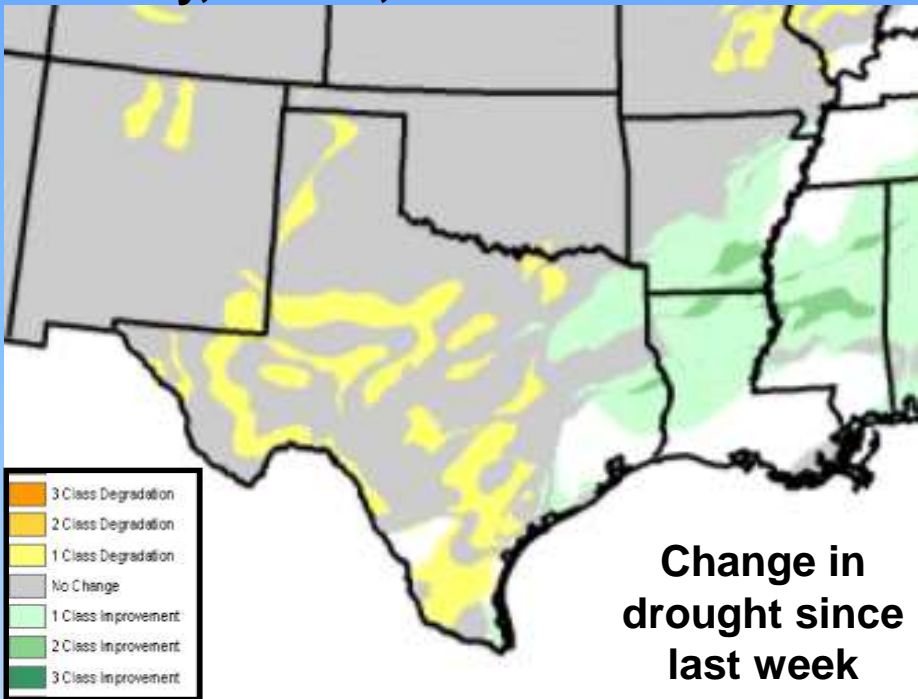
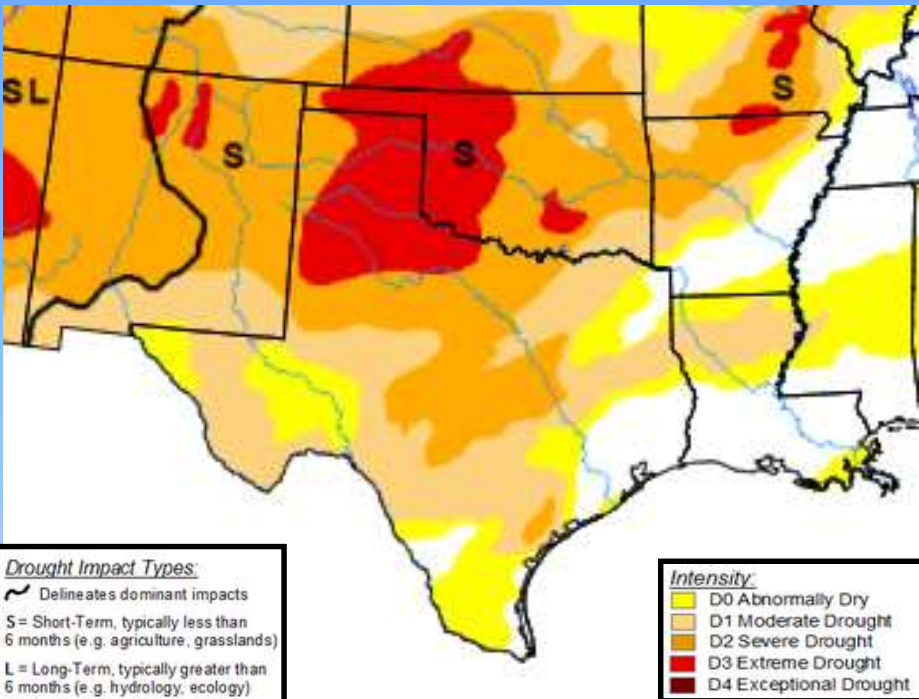


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released February 15, 2018

Data valid as of 6am CST, Tuesday, Feb 13, 2018



Change in drought since last week

Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	2.37%	2.37%	0.00%	2.02%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	37.80%	37.76%	0.00%	3.34%
Texas	13.07%	11.79%	0.00%	0.53%
New Mexico	3.96%	0.27%	0.00%	0.00%

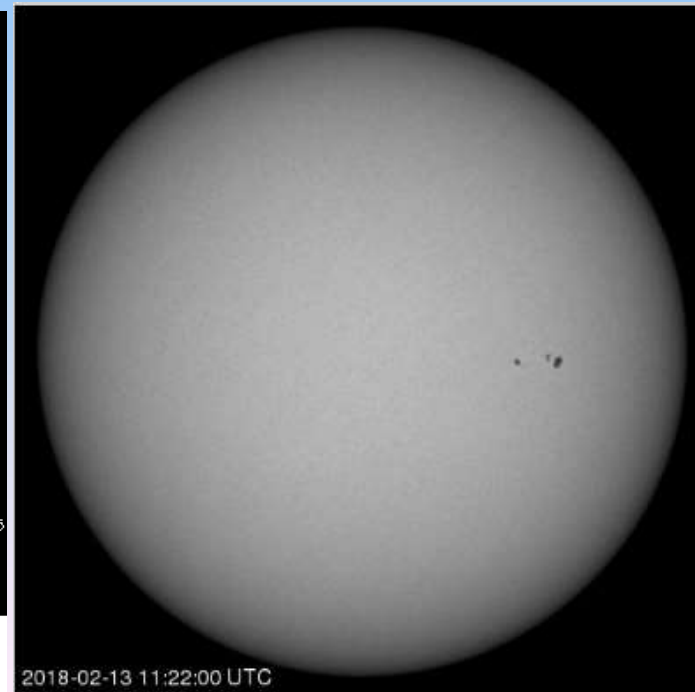
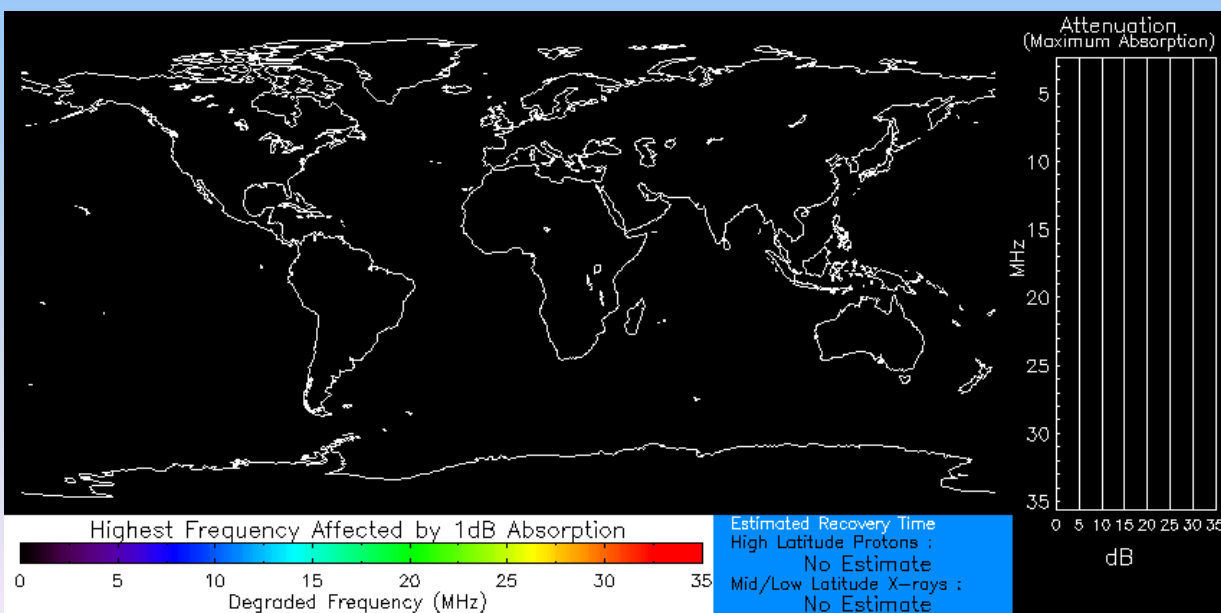
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2018-02-19 11:13 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2018-02-13 11:22:00 UTC

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms